

# Comparisons of Job Characteristics

**Focus Occupation: Conservation Scientists (19-1031)**

**Associated Occupation: Fish and Game Wardens (33-3031)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 68

**Focus Occupation: Conservation Scientists (19-1031)**

**Associated Occupation: Fish and Game Wardens (33-3031)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Law and Government	5.9	18.4	11.4	<< Extensive education and/or training may be required
Public Safety and Security	6.9	17.3	10.3	<< Extensive education and/or training may be required
Biology	3.7	13.5	16.2	> Current knowledge level is likely sufficient
Psychology	6.4	13.1	9.6	<< Extensive education and/or training may be required
Geography	3.9	11.2	14.3	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 89

**Focus Occupation: Conservation Scientists (19-1031)**

**Associated Occupation: Fish and Game Wardens (33-3031)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Persuasion	7.4	11.5	9.3	< A higher skill level may be required
Negotiation	6.8	9.7	8.5	< A higher skill level may be required
Systems Analysis	6.5	9.3	9.3	0 Current skill level may be sufficient
Systems Evaluation	6.4	8.8	8.7	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Conservation Scientists (19-1031)

Associated Occupation: Fish and Game Wardens (33-3031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Far Vision	7.8	11.1	10.5	0	Current ability level may be sufficient
Spatial Orientation	2.7	8.4	5.0	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	8.1	3.6	<<	Extensive improvement in abilities may be required
Stamina	4.0	8.0	4.4	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	6.6	3.3	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	6.4	3.4	<<	Extensive improvement in abilities may be required
Night Vision	2.1	6.0	3.3	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Conservation Scientists (19-1031)

Associated Occupation: Fish and Game Wardens (33-3031)

Work Activities	Exclusivity of Activity
Analyze ecosystem data	69
Estimate population or condition of plant life, fish, or wildlife	92
Explain government laws or regulations	68
Make presentations	13
Operate cameras	74
Prepare reports	8
Read maps	42
Use interviewing procedures	23
Use knowledge of investigation techniques	16
Use oral or written communication techniques	1

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation: Conservation Scientists (19-1031)**  
**Associated Occupation: Fish and Game Wardens (33-3031)**

<b>Tools and Technologies</b>	<b>Exclusivity</b>
Audio and visual equipment	4
Cameras	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.